

**Release Notes
IFPS13
(News You Can Use)
February 12, 2003**

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2.0 Introduction

This section of the IFPS13 Release Notes highlights general issues, special problems, and workarounds for IFPS13.

2.1 Local GFE Formatters and IFPS Support

The new GFE functionality in IFPS12 (i.e., 12, 12.1, 12.2, and 12.3) pertaining to GFE formatters is unchanged in IFPS13. IFPS12 and IFPS13 introduced the same new set of tools inside the grid editor (GFE). These new tools allow WFOs to develop their own set of product generation programs. Instructions needed to begin setting up these Local GFE Formatters are available at:

<http://www-md.fsl.noaa.gov/eft/ifps12doc/onlinehelp/TextFormatter.html>

It is important to note, these formatters are considered local applications and, therefore, cannot be supported through the NCF.

2.2 Known IFPS13 Problems and Workarounds

Tracking Number(s): FR940 / SPR4301

Title: wwainj rearranges forecast segments which impacts CWF SYNOPSIS segment

Description: It appears as though wwainj is reordering the forecast segments when it processes a marine wwa in such a way as to move the "/M0" flag for the SYNOPSIS to the end of the CWF. Then when prod_hdr goes looking for "/M0", it winds up putting the SYNOPSIS header information at the end of the product, which is incorrect. The same issue will likely impact the OUTLOOK for the same reason.

Work Around: Manually edit the product placing the SYNOPSIS forecast back at the top of the CWF where it belongs

Tracking Number(s): No FR # / SPR_4622
Title: ifpServer still runs on lx2 after return from failover
Description: After exiting lx failover, the ifpServer is still running on lx2. Everything else associated with lx failover is correct (crons on lx1/lx2 are fine, all servers running on lx1).
Work Around: Manually stop ifpServer on lx2 after exiting failover.

Tracking Number(s): No FR # / SPR4729
Title: HPCSTN not being passed correctly into MOSInterp (config_ifps)
Description: HPCSTN is not being passed correctly into the MOSInterp executable via the "Configure HPC MOS" interface. In ifps_hpc_cfg, the arguments for HPCSTN data should be hpcstn_stn, not hpcmos_stn
Work Around: Run MOSInterp from the command line.

Tracking Number(s): FR1102 / SPR4733
Title: Marine IGR crashes when traffic light is yellow
Description: If a forecaster goes into marine, with the traffic light set to green, selects any product from the marine GUI (e.g., NSH) and then returns to the Master Menu, going into marine a second time, but selecting a different marine product (e.g., GLF) than the first time through will cause IGR to crash. This will continue to occur until the forecaster makes a second

Work Around:	trip into IGR for the first product (NSH). Make a second trip into a given marine product (NSH) before going on to any second marine product (GLF).
Tracking Number(s):	No FR# / SPR4736
Title:	config_prod_info text boxes allow user to type past character limit
Description:	In “Configure Product Info” interface, the “AFOS key” text box allows the user to enter many characters, but when saving, only the first character is saved. Also, the backup office box allows more than 20 characters, but the limit in the database is 20.
Work Around:	Limit entries to one character and 20 characters respectively
Tracking Number(s):	No FR# / SPR4737
Title:	GLF Geographical Name Headers Break VTEC Lines
Description:	The GLF was modified (SPR_3826) to include the capability to have geographical names (e.g., NORTH/SOUTH) as headers for the forecast combinations. When prod_hdr runs and tries to insert a VTEC line, the lack of slash codes causes the program to place the VTEC lines before the geographical name (e.g., NORTH/SOUTH). This is incorrect. The VTEC line(s) should go after the geographical name.
Work Around:	Manually move the VTEC information to a position just below the Geographical Name (e.g.,

NORTH/SOUTH).

Tracking Number(s): No FR# / SPR4738
Title: MFP Uses Last Wind for "WINDS TO ____" phrase.
Description: In the marine product you will see a phrase like
STORM FORCE WINDS TO 50 KTS. The phrase
implies WINDS UP TO 50 KTS. In reality, the
software is placing the latest wind which may be
lower than the peak wind for that period. For
example, the above phrase would be formatted for the
following data:

55 55 50 10

Work Around: Place the peak wind for the period as the last wind
for that criteria (i.e. STORM FORCE WIND).

Tracking Number(s): No FR# / SPR4739
Title: Marine Wind Constant 32 is not Functioning
Correctly
Description: Marine Wind control constant 32, WIND vs WINDS
is being interpreted as "-1" and producing an error
message, even though the cntrl_const table has a
valid value "0".
Work Around: Since the software uses WIND by default, a site
would have to develop some sed to change

Tracking Number(s): No FR# / SPR4760
Title: Install does not make do_marine and

Description:	<p>EXECUTE_MARINE Consistant</p> <p>When IFPS install scripts run they do not succeed in updating the do_marine variable of Igr_ccc in the Xdefaults directory to be consistent with the EXECUTE_MARINE variable in the ifps-ccc.env file. This allows marine IGR to run but displays no marine DFMs. The install should check to see if EXECUTE_MARINE is set and then update the do_marine variable.</p>
Work Around:	<p>Manually update the do_marine variable in the Igr_ccc file.</p>
Tracking Number(s):	<p>No FR# / SPR4766</p>
Title:	<p>Svcbkup scripts need to be updated to handle the changes between 12 and 13</p>
Description:	<p>IFPS13 no longer needs icwf_site.ccc file and uses some new env variables. Changes need to be made in the service backup script so that IFPS functions correctly when backup and failed sites have different versions.</p>
Work Around:	<p>Run rd_icwf_site manually from the IFPS_BIN/linux directory.</p>
Tracking Number(s):	<p>No FR# / SPR4767</p>
Title:	<p>config_cat_elements not finding marine categorical elements</p>
Description:	<p>The marine categorical elements are not appearing in the Configure Categorical Elements interface. Only the Snow Levels are editable via this interface.</p>
Work Around:	<p>The marine categories can be modified via dbaccess.</p>

Tracking Number(s): No FR# / SPR4775
Title: svcbkup scripts need to change the permission of site.sh and siteConfig.py
Description: These two files have 444 permission on them since IFPS12. It prevents the service backup scripts from updating the port number and site when importing data.
Work Around: Manually change these two files after importing is done.

Tracking Number(s): No FR# / SPR4788
Title: "Fog in outlying areas" not being unloaded to DFMs
Description: When "fog in outlying areas" is placed in the grids, it does not show up in the IGR matrices.
Work Around: Place fog in outlying areas into the desired matrices via IGR.